

Radial EAH Using 3 Second Data

W260AP Sheboygan, WI
Minor Change Application
Exhibit 11

| Az Degrees | 100 Point Elev Total | Number of Points Used | Elev Total Points Used | Elev Used | EAH Calc | EAH Used | Max. ERP(W) Allowed | Proposed ERP(W) |
|------------|----------------------|-----------------------|------------------------|-----------|----------|----------|---------------------|-----------------|
| 0 | 20512 | 100 | 20512 | 205.12 | 35.28 | 35.28 | 170 | 80 |
| 30 | 17997 | 27 | 5076 | 188.00 | 52.40 | 52.40 | 80 | 80 |
| 60 | 17833 | 16 | 2965 | 185.31 | 55.09 | 55.09 | 80 | 80 |
| 90 | 17900 | 19 | 3563 | 187.53 | 52.87 | 52.87 | 80 | 80 |
| 120 | 17814 | 18 | 3300 | 183.33 | 57.07 | 57.07 | 80 | 80 |
| 150 | 18299 | 47 | 8918 | 189.74 | 50.66 | 50.66 | 80 | 80 |
| 180 | 20735 | 100 | 20735 | 207.35 | 33.05 | 33.05 | 170 | 80 |
| 210 | 21477 | 100 | 21477 | 214.77 | 25.63 | 30.00 | 250 | 80 |
| 240 | 23021 | 100 | 23021 | 230.21 | 10.19 | 30.00 | 250 | 80 |
| 270 | 23193 | 100 | 23193 | 231.93 | 8.47 | 30.00 | 250 | 80 |
| 300 | 24064 | 100 | 24064 | 240.64 | -0.24 | 30.00 | 250 | 80 |
| 330 | 22612 | 100 | 22612 | 226.12 | 14.28 | 30.00 | 250 | 80 |

57.07 Maximum Radial EAH

| | | | | |
|-----------------------|-------|--------|-------|------|
| Radiation Center AGL | 27.4 | meters | 89.9 | Feet |
| Radiation Center AMSL | 240.4 | meters | 788.8 | Feet |
| Site Elevation | 213 | meters | 698.9 | Feet |

Number of points reduced in accordance with 47CFR73.313(d2)
due to large body of water have data elevations <= 177 meters.

Distance to FM Contour

Study: JSM Twr 90ft
Site: JSM Sheboygan site

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| True Radial Bearing (Degrees) | Average Elevation (meters) | Radiation Center Height Above Average Terrain (meters) | Effective Radiated Power (KW) | (dBKW) | Distance to Contour 60.0 dBu F(50,50) (km) |
|--|----------------------------------|---|--|--------|---|
| 0.00 | 205.12 | 35.28 | 0.08 | -10.97 | 5.75 |
| 30.00 | 179.97 | 60.43 | 0.08 | -10.97 | 7.54 |
| 60.00 | 178.33 | 62.07 | 0.08 | -10.97 | 7.64 |
| 90.00 | 179.00 | 61.40 | 0.08 | -10.97 | 7.60 |
| 120.00 | 178.14 | 62.26 | 0.08 | -10.97 | 7.66 |
| 150.00 | 182.99 | 57.41 | 0.08 | -10.97 | 7.36 |
| 180.00 | 207.35 | 33.05 | 0.08 | -10.97 | 5.57 |
| 210.00 | 214.77 | 25.63 | 0.08 | -10.97 | 5.33 |
| 240.00 | 230.21 | 10.19 | 0.08 | -10.97 | 5.33 |
| 270.00 | 231.93 | 8.47 | 0.08 | -10.97 | 5.33 |
| 300.00 | 240.64 | 0.00 | 0.08 | -10.97 | 5.33 |
| 330.00 | 226.12 | 14.28 | 0.08 | -10.97 | 5.33 |

| | | |
|--------------------------|--------------|------------|
| Radiation Center (AGL): | 27.4 meters | 89.9 feet |
| Radiation Center (AMSL): | 240.4 meters | 788.7 feet |
| Radiation Center (HAAT): | 35.9 meters | 117.6 feet |
| Average Terrain (AMSL): | 204.5 meters | 671.1 feet |
| Ground AMSL: | 213.0 meters | 698.8 feet |

Peak ERP: 0.1 KW
Frequency: 99.9 MHz
Antenna:
Orientation: 0.00°
Downtilt: 0.00°

Area within 60.0 dBu F(50,50) Contour is 128.934 km

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 1 of 12, 0.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 213.00 | 2 | 3.13 | 207.00 | 3 | 3.26 | 207.00 |
| 4 | 3.39 | 207.00 | 5 | 3.52 | 206.00 | 6 | 3.65 | 205.00 |
| 7 | 3.78 | 204.00 | 8 | 3.91 | 204.00 | 9 | 4.04 | 204.00 |
| 10 | 4.17 | 204.00 | 11 | 4.30 | 204.00 | 12 | 4.43 | 203.00 |
| 13 | 4.56 | 202.00 | 14 | 4.69 | 202.00 | 15 | 4.82 | 201.00 |
| 16 | 4.95 | 201.00 | 17 | 5.08 | 201.00 | 18 | 5.21 | 201.00 |
| 19 | 5.34 | 204.00 | 20 | 5.47 | 209.00 | 21 | 5.60 | 211.00 |
| 22 | 5.73 | 212.00 | 23 | 5.86 | 212.00 | 24 | 5.99 | 212.00 |
| 25 | 6.12 | 211.00 | 26 | 6.25 | 211.00 | 27 | 6.38 | 211.00 |
| 28 | 6.51 | 211.00 | 29 | 6.64 | 211.00 | 30 | 6.77 | 210.00 |
| 31 | 6.90 | 210.00 | 32 | 7.03 | 209.00 | 33 | 7.16 | 208.00 |
| 34 | 7.29 | 208.00 | 35 | 7.42 | 208.00 | 36 | 7.55 | 207.00 |
| 37 | 7.68 | 206.00 | 38 | 7.81 | 206.00 | 39 | 7.94 | 205.00 |
| 40 | 8.07 | 205.00 | 41 | 8.20 | 205.00 | 42 | 8.33 | 204.00 |
| 43 | 8.46 | 203.00 | 44 | 8.59 | 204.00 | 45 | 8.72 | 204.00 |
| 46 | 8.85 | 204.00 | 47 | 8.98 | 204.00 | 48 | 9.11 | 204.00 |
| 49 | 9.24 | 203.00 | 50 | 9.37 | 203.00 | 51 | 9.50 | 202.00 |
| 52 | 9.63 | 201.00 | 53 | 9.76 | 201.00 | 54 | 9.89 | 200.00 |
| 55 | 10.02 | 200.00 | 56 | 10.15 | 199.00 | 57 | 10.28 | 199.00 |
| 58 | 10.41 | 198.00 | 59 | 10.54 | 198.00 | 60 | 10.67 | 198.00 |
| 61 | 10.80 | 198.00 | 62 | 10.93 | 198.00 | 63 | 11.06 | 199.00 |
| 64 | 11.19 | 201.00 | 65 | 11.32 | 204.00 | 66 | 11.45 | 204.00 |
| 67 | 11.58 | 203.00 | 68 | 11.71 | 200.00 | 69 | 11.84 | 198.00 |
| 70 | 11.97 | 198.00 | 71 | 12.10 | 198.00 | 72 | 12.23 | 198.00 |
| 73 | 12.36 | 198.00 | 74 | 12.49 | 199.00 | 75 | 12.62 | 200.00 |
| 76 | 12.75 | 201.00 | 77 | 12.88 | 204.00 | 78 | 13.01 | 205.00 |
| 79 | 13.14 | 206.00 | 80 | 13.27 | 208.00 | 81 | 13.40 | 209.00 |
| 82 | 13.53 | 212.00 | 83 | 13.66 | 213.00 | 84 | 13.79 | 213.00 |
| 85 | 13.92 | 213.00 | 86 | 14.05 | 213.00 | 87 | 14.18 | 213.00 |
| 88 | 14.31 | 213.00 | 89 | 14.44 | 210.00 | 90 | 14.57 | 208.00 |
| 91 | 14.70 | 205.00 | 92 | 14.83 | 202.00 | 93 | 14.96 | 200.00 |
| 94 | 15.09 | 201.00 | 95 | 15.22 | 204.00 | 96 | 15.35 | 208.00 |
| 97 | 15.48 | 210.00 | 98 | 15.61 | 212.00 | 99 | 15.74 | 213.00 |
| 100 | 15.87 | 213.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 2 of 12, 30.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 190.00 | 2 | 3.13 | 190.00 | 3 | 3.26 | 191.00 |
| 4 | 3.39 | 191.00 | 5 | 3.52 | 192.00 | 6 | 3.65 | 191.00 |
| 7 | 3.78 | 192.00 | 8 | 3.91 | 193.00 | 9 | 4.04 | 193.00 |
| 10 | 4.17 | 192.00 | 11 | 4.30 | 191.00 | 12 | 4.43 | 191.00 |
| 13 | 4.56 | 190.00 | 14 | 4.69 | 190.00 | 15 | 4.82 | 189.00 |
| 16 | 4.95 | 188.00 | 17 | 5.08 | 188.00 | 18 | 5.21 | 188.00 |
| 19 | 5.34 | 187.00 | 20 | 5.47 | 186.00 | 21 | 5.60 | 185.00 |
| 22 | 5.73 | 184.00 | 23 | 5.86 | 183.00 | 24 | 5.99 | 183.00 |
| 25 | 6.12 | 181.00 | 26 | 6.25 | 180.00 | 27 | 6.38 | 177.00 |
| 28 | 6.51 | 177.00 | 29 | 6.64 | 177.00 | 30 | 6.77 | 177.00 |
| 31 | 6.90 | 177.00 | 32 | 7.03 | 177.00 | 33 | 7.16 | 177.00 |
| 34 | 7.29 | 177.00 | 35 | 7.42 | 177.00 | 36 | 7.55 | 177.00 |
| 37 | 7.68 | 177.00 | 38 | 7.81 | 177.00 | 39 | 7.94 | 177.00 |
| 40 | 8.07 | 177.00 | 41 | 8.20 | 177.00 | 42 | 8.33 | 177.00 |
| 43 | 8.46 | 177.00 | 44 | 8.59 | 177.00 | 45 | 8.72 | 177.00 |
| 46 | 8.85 | 177.00 | 47 | 8.98 | 177.00 | 48 | 9.11 | 177.00 |
| 49 | 9.24 | 177.00 | 50 | 9.37 | 177.00 | 51 | 9.50 | 177.00 |
| 52 | 9.63 | 177.00 | 53 | 9.76 | 177.00 | 54 | 9.89 | 177.00 |
| 55 | 10.02 | 177.00 | 56 | 10.15 | 177.00 | 57 | 10.28 | 177.00 |
| 58 | 10.41 | 177.00 | 59 | 10.54 | 177.00 | 60 | 10.67 | 177.00 |
| 61 | 10.80 | 177.00 | 62 | 10.93 | 177.00 | 63 | 11.06 | 177.00 |
| 64 | 11.19 | 177.00 | 65 | 11.32 | 177.00 | 66 | 11.45 | 177.00 |
| 67 | 11.58 | 177.00 | 68 | 11.71 | 177.00 | 69 | 11.84 | 177.00 |
| 70 | 11.97 | 177.00 | 71 | 12.10 | 177.00 | 72 | 12.23 | 177.00 |
| 73 | 12.36 | 177.00 | 74 | 12.49 | 177.00 | 75 | 12.62 | 177.00 |
| 76 | 12.75 | 177.00 | 77 | 12.88 | 177.00 | 78 | 13.01 | 177.00 |
| 79 | 13.14 | 177.00 | 80 | 13.27 | 177.00 | 81 | 13.40 | 177.00 |
| 82 | 13.53 | 177.00 | 83 | 13.66 | 177.00 | 84 | 13.79 | 177.00 |
| 85 | 13.92 | 177.00 | 86 | 14.05 | 177.00 | 87 | 14.18 | 177.00 |
| 88 | 14.31 | 177.00 | 89 | 14.44 | 177.00 | 90 | 14.57 | 177.00 |
| 91 | 14.70 | 177.00 | 92 | 14.83 | 177.00 | 93 | 14.96 | 177.00 |
| 94 | 15.09 | 177.00 | 95 | 15.22 | 177.00 | 96 | 15.35 | 177.00 |
| 97 | 15.48 | 177.00 | 98 | 15.61 | 177.00 | 99 | 15.74 | 177.00 |
| 100 | 15.87 | 177.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 3 of 12, 60.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 191.00 | 2 | 3.13 | 190.00 | 3 | 3.26 | 188.00 |
| 4 | 3.39 | 189.00 | 5 | 3.52 | 187.00 | 6 | 3.65 | 187.00 |
| 7 | 3.78 | 186.00 | 8 | 3.91 | 185.00 | 9 | 4.04 | 185.00 |
| 10 | 4.17 | 184.00 | 11 | 4.30 | 184.00 | 12 | 4.43 | 183.00 |
| 13 | 4.56 | 183.00 | 14 | 4.69 | 183.00 | 15 | 4.82 | 183.00 |
| 16 | 4.95 | 177.00 | 17 | 5.08 | 177.00 | 18 | 5.21 | 177.00 |
| 19 | 5.34 | 177.00 | 20 | 5.47 | 177.00 | 21 | 5.60 | 177.00 |
| 22 | 5.73 | 177.00 | 23 | 5.86 | 177.00 | 24 | 5.99 | 177.00 |
| 25 | 6.12 | 177.00 | 26 | 6.25 | 177.00 | 27 | 6.38 | 177.00 |
| 28 | 6.51 | 177.00 | 29 | 6.64 | 177.00 | 30 | 6.77 | 177.00 |
| 31 | 6.90 | 177.00 | 32 | 7.03 | 177.00 | 33 | 7.16 | 177.00 |
| 34 | 7.29 | 177.00 | 35 | 7.42 | 177.00 | 36 | 7.55 | 177.00 |
| 37 | 7.68 | 177.00 | 38 | 7.81 | 177.00 | 39 | 7.94 | 177.00 |
| 40 | 8.07 | 177.00 | 41 | 8.20 | 177.00 | 42 | 8.33 | 177.00 |
| 43 | 8.46 | 177.00 | 44 | 8.59 | 177.00 | 45 | 8.72 | 177.00 |
| 46 | 8.85 | 177.00 | 47 | 8.98 | 177.00 | 48 | 9.11 | 177.00 |
| 49 | 9.24 | 177.00 | 50 | 9.37 | 177.00 | 51 | 9.50 | 177.00 |
| 52 | 9.63 | 177.00 | 53 | 9.76 | 177.00 | 54 | 9.89 | 177.00 |
| 55 | 10.02 | 177.00 | 56 | 10.15 | 177.00 | 57 | 10.28 | 177.00 |
| 58 | 10.41 | 177.00 | 59 | 10.54 | 177.00 | 60 | 10.67 | 177.00 |
| 61 | 10.80 | 177.00 | 62 | 10.93 | 177.00 | 63 | 11.06 | 177.00 |
| 64 | 11.19 | 177.00 | 65 | 11.32 | 177.00 | 66 | 11.45 | 177.00 |
| 67 | 11.58 | 177.00 | 68 | 11.71 | 177.00 | 69 | 11.84 | 177.00 |
| 70 | 11.97 | 177.00 | 71 | 12.10 | 177.00 | 72 | 12.23 | 177.00 |
| 73 | 12.36 | 177.00 | 74 | 12.49 | 177.00 | 75 | 12.62 | 177.00 |
| 76 | 12.75 | 177.00 | 77 | 12.88 | 177.00 | 78 | 13.01 | 177.00 |
| 79 | 13.14 | 177.00 | 80 | 13.27 | 177.00 | 81 | 13.40 | 177.00 |
| 82 | 13.53 | 177.00 | 83 | 13.66 | 177.00 | 84 | 13.79 | 177.00 |
| 85 | 13.92 | 177.00 | 86 | 14.05 | 177.00 | 87 | 14.18 | 177.00 |
| 88 | 14.31 | 177.00 | 89 | 14.44 | 177.00 | 90 | 14.57 | 177.00 |
| 91 | 14.70 | 177.00 | 92 | 14.83 | 177.00 | 93 | 14.96 | 177.00 |
| 94 | 15.09 | 177.00 | 95 | 15.22 | 177.00 | 96 | 15.35 | 177.00 |
| 97 | 15.48 | 177.00 | 98 | 15.61 | 177.00 | 99 | 15.74 | 177.00 |
| 100 | 15.87 | 177.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 4 of 12, 90.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 198.00 | 2 | 3.13 | 194.00 | 3 | 3.26 | 192.00 |
| 4 | 3.39 | 191.00 | 5 | 3.52 | 190.00 | 6 | 3.65 | 190.00 |
| 7 | 3.78 | 189.00 | 8 | 3.91 | 189.00 | 9 | 4.04 | 188.00 |
| 10 | 4.17 | 188.00 | 11 | 4.30 | 187.00 | 12 | 4.43 | 187.00 |
| 13 | 4.56 | 187.00 | 14 | 4.69 | 186.00 | 15 | 4.82 | 184.00 |
| 16 | 4.95 | 183.00 | 17 | 5.08 | 183.00 | 18 | 5.21 | 180.00 |
| 19 | 5.34 | 177.00 | 20 | 5.47 | 177.00 | 21 | 5.60 | 177.00 |
| 22 | 5.73 | 177.00 | 23 | 5.86 | 177.00 | 24 | 5.99 | 177.00 |
| 25 | 6.12 | 177.00 | 26 | 6.25 | 177.00 | 27 | 6.38 | 177.00 |
| 28 | 6.51 | 177.00 | 29 | 6.64 | 177.00 | 30 | 6.77 | 177.00 |
| 31 | 6.90 | 177.00 | 32 | 7.03 | 177.00 | 33 | 7.16 | 177.00 |
| 34 | 7.29 | 177.00 | 35 | 7.42 | 177.00 | 36 | 7.55 | 177.00 |
| 37 | 7.68 | 177.00 | 38 | 7.81 | 177.00 | 39 | 7.94 | 177.00 |
| 40 | 8.07 | 177.00 | 41 | 8.20 | 177.00 | 42 | 8.33 | 177.00 |
| 43 | 8.46 | 177.00 | 44 | 8.59 | 177.00 | 45 | 8.72 | 177.00 |
| 46 | 8.85 | 177.00 | 47 | 8.98 | 177.00 | 48 | 9.11 | 177.00 |
| 49 | 9.24 | 177.00 | 50 | 9.37 | 177.00 | 51 | 9.50 | 177.00 |
| 52 | 9.63 | 177.00 | 53 | 9.76 | 177.00 | 54 | 9.89 | 177.00 |
| 55 | 10.02 | 177.00 | 56 | 10.15 | 177.00 | 57 | 10.28 | 177.00 |
| 58 | 10.41 | 177.00 | 59 | 10.54 | 177.00 | 60 | 10.67 | 177.00 |
| 61 | 10.80 | 177.00 | 62 | 10.93 | 177.00 | 63 | 11.06 | 177.00 |
| 64 | 11.19 | 177.00 | 65 | 11.32 | 177.00 | 66 | 11.45 | 177.00 |
| 67 | 11.58 | 177.00 | 68 | 11.71 | 177.00 | 69 | 11.84 | 177.00 |
| 70 | 11.97 | 177.00 | 71 | 12.10 | 177.00 | 72 | 12.23 | 177.00 |
| 73 | 12.36 | 177.00 | 74 | 12.49 | 177.00 | 75 | 12.62 | 177.00 |
| 76 | 12.75 | 177.00 | 77 | 12.88 | 177.00 | 78 | 13.01 | 177.00 |
| 79 | 13.14 | 177.00 | 80 | 13.27 | 177.00 | 81 | 13.40 | 177.00 |
| 82 | 13.53 | 177.00 | 83 | 13.66 | 177.00 | 84 | 13.79 | 177.00 |
| 85 | 13.92 | 177.00 | 86 | 14.05 | 177.00 | 87 | 14.18 | 177.00 |
| 88 | 14.31 | 177.00 | 89 | 14.44 | 177.00 | 90 | 14.57 | 177.00 |
| 91 | 14.70 | 177.00 | 92 | 14.83 | 177.00 | 93 | 14.96 | 177.00 |
| 94 | 15.09 | 177.00 | 95 | 15.22 | 177.00 | 96 | 15.35 | 177.00 |
| 97 | 15.48 | 177.00 | 98 | 15.61 | 177.00 | 99 | 15.74 | 177.00 |
| 100 | 15.87 | 177.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 5 of 12, 120.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 194.00 | 2 | 3.13 | 191.00 | 3 | 3.26 | 187.00 |
| 4 | 3.39 | 183.00 | 5 | 3.52 | 183.00 | 6 | 3.65 | 183.00 |
| 7 | 3.78 | 183.00 | 8 | 3.91 | 183.00 | 9 | 4.04 | 183.00 |
| 10 | 4.17 | 183.00 | 11 | 4.30 | 183.00 | 12 | 4.43 | 183.00 |
| 13 | 4.56 | 182.00 | 14 | 4.69 | 182.00 | 15 | 4.82 | 181.00 |
| 16 | 4.95 | 180.00 | 17 | 5.08 | 179.00 | 18 | 5.21 | 177.00 |
| 19 | 5.34 | 177.00 | 20 | 5.47 | 177.00 | 21 | 5.60 | 177.00 |
| 22 | 5.73 | 177.00 | 23 | 5.86 | 177.00 | 24 | 5.99 | 177.00 |
| 25 | 6.12 | 177.00 | 26 | 6.25 | 177.00 | 27 | 6.38 | 177.00 |
| 28 | 6.51 | 177.00 | 29 | 6.64 | 177.00 | 30 | 6.77 | 177.00 |
| 31 | 6.90 | 177.00 | 32 | 7.03 | 177.00 | 33 | 7.16 | 177.00 |
| 34 | 7.29 | 177.00 | 35 | 7.42 | 177.00 | 36 | 7.55 | 177.00 |
| 37 | 7.68 | 177.00 | 38 | 7.81 | 177.00 | 39 | 7.94 | 177.00 |
| 40 | 8.07 | 177.00 | 41 | 8.20 | 177.00 | 42 | 8.33 | 177.00 |
| 43 | 8.46 | 177.00 | 44 | 8.59 | 177.00 | 45 | 8.72 | 177.00 |
| 46 | 8.85 | 177.00 | 47 | 8.98 | 177.00 | 48 | 9.11 | 177.00 |
| 49 | 9.24 | 177.00 | 50 | 9.37 | 177.00 | 51 | 9.50 | 177.00 |
| 52 | 9.63 | 177.00 | 53 | 9.76 | 177.00 | 54 | 9.89 | 177.00 |
| 55 | 10.02 | 177.00 | 56 | 10.15 | 177.00 | 57 | 10.28 | 177.00 |
| 58 | 10.41 | 177.00 | 59 | 10.54 | 177.00 | 60 | 10.67 | 177.00 |
| 61 | 10.80 | 177.00 | 62 | 10.93 | 177.00 | 63 | 11.06 | 177.00 |
| 64 | 11.19 | 177.00 | 65 | 11.32 | 177.00 | 66 | 11.45 | 177.00 |
| 67 | 11.58 | 177.00 | 68 | 11.71 | 177.00 | 69 | 11.84 | 177.00 |
| 70 | 11.97 | 177.00 | 71 | 12.10 | 177.00 | 72 | 12.23 | 177.00 |
| 73 | 12.36 | 177.00 | 74 | 12.49 | 177.00 | 75 | 12.62 | 177.00 |
| 76 | 12.75 | 177.00 | 77 | 12.88 | 177.00 | 78 | 13.01 | 177.00 |
| 79 | 13.14 | 177.00 | 80 | 13.27 | 177.00 | 81 | 13.40 | 177.00 |
| 82 | 13.53 | 177.00 | 83 | 13.66 | 177.00 | 84 | 13.79 | 177.00 |
| 85 | 13.92 | 177.00 | 86 | 14.05 | 177.00 | 87 | 14.18 | 177.00 |
| 88 | 14.31 | 177.00 | 89 | 14.44 | 177.00 | 90 | 14.57 | 177.00 |
| 91 | 14.70 | 177.00 | 92 | 14.83 | 177.00 | 93 | 14.96 | 177.00 |
| 94 | 15.09 | 177.00 | 95 | 15.22 | 177.00 | 96 | 15.35 | 177.00 |
| 97 | 15.48 | 177.00 | 98 | 15.61 | 177.00 | 99 | 15.74 | 177.00 |
| 100 | 15.87 | 177.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 6 of 12, 150.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 194.00 | 2 | 3.13 | 193.00 | 3 | 3.26 | 194.00 |
| 4 | 3.39 | 196.00 | 5 | 3.52 | 196.00 | 6 | 3.65 | 197.00 |
| 7 | 3.78 | 198.00 | 8 | 3.91 | 198.00 | 9 | 4.04 | 198.00 |
| 10 | 4.17 | 198.00 | 11 | 4.30 | 198.00 | 12 | 4.43 | 198.00 |
| 13 | 4.56 | 198.00 | 14 | 4.69 | 198.00 | 15 | 4.82 | 197.00 |
| 16 | 4.95 | 197.00 | 17 | 5.08 | 196.00 | 18 | 5.21 | 195.00 |
| 19 | 5.34 | 195.00 | 20 | 5.47 | 194.00 | 21 | 5.60 | 194.00 |
| 22 | 5.73 | 193.00 | 23 | 5.86 | 192.00 | 24 | 5.99 | 191.00 |
| 25 | 6.12 | 190.00 | 26 | 6.25 | 189.00 | 27 | 6.38 | 188.00 |
| 28 | 6.51 | 187.00 | 29 | 6.64 | 185.00 | 30 | 6.77 | 183.00 |
| 31 | 6.90 | 183.00 | 32 | 7.03 | 183.00 | 33 | 7.16 | 183.00 |
| 34 | 7.29 | 183.00 | 35 | 7.42 | 184.00 | 36 | 7.55 | 184.00 |
| 37 | 7.68 | 184.00 | 38 | 7.81 | 184.00 | 39 | 7.94 | 184.00 |
| 40 | 8.07 | 183.00 | 41 | 8.20 | 183.00 | 42 | 8.33 | 183.00 |
| 43 | 8.46 | 182.00 | 44 | 8.59 | 180.00 | 45 | 8.72 | 180.00 |
| 46 | 8.85 | 178.00 | 47 | 8.98 | 177.00 | 48 | 9.11 | 177.00 |
| 49 | 9.24 | 177.00 | 50 | 9.37 | 177.00 | 51 | 9.50 | 177.00 |
| 52 | 9.63 | 177.00 | 53 | 9.76 | 177.00 | 54 | 9.89 | 177.00 |
| 55 | 10.02 | 177.00 | 56 | 10.15 | 177.00 | 57 | 10.28 | 177.00 |
| 58 | 10.41 | 177.00 | 59 | 10.54 | 177.00 | 60 | 10.67 | 177.00 |
| 61 | 10.80 | 177.00 | 62 | 10.93 | 177.00 | 63 | 11.06 | 177.00 |
| 64 | 11.19 | 177.00 | 65 | 11.32 | 177.00 | 66 | 11.45 | 177.00 |
| 67 | 11.58 | 177.00 | 68 | 11.71 | 177.00 | 69 | 11.84 | 177.00 |
| 70 | 11.97 | 177.00 | 71 | 12.10 | 177.00 | 72 | 12.23 | 177.00 |
| 73 | 12.36 | 177.00 | 74 | 12.49 | 177.00 | 75 | 12.62 | 177.00 |
| 76 | 12.75 | 177.00 | 77 | 12.88 | 177.00 | 78 | 13.01 | 177.00 |
| 79 | 13.14 | 177.00 | 80 | 13.27 | 177.00 | 81 | 13.40 | 177.00 |
| 82 | 13.53 | 177.00 | 83 | 13.66 | 177.00 | 84 | 13.79 | 177.00 |
| 85 | 13.92 | 177.00 | 86 | 14.05 | 177.00 | 87 | 14.18 | 177.00 |
| 88 | 14.31 | 177.00 | 89 | 14.44 | 177.00 | 90 | 14.57 | 177.00 |
| 91 | 14.70 | 177.00 | 92 | 14.83 | 177.00 | 93 | 14.96 | 177.00 |
| 94 | 15.09 | 177.00 | 95 | 15.22 | 177.00 | 96 | 15.35 | 177.00 |
| 97 | 15.48 | 177.00 | 98 | 15.61 | 177.00 | 99 | 15.74 | 177.00 |
| 100 | 15.87 | 177.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 7 of 12, 180.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 198.00 | 2 | 3.13 | 198.00 | 3 | 3.26 | 198.00 |
| 4 | 3.39 | 198.00 | 5 | 3.52 | 198.00 | 6 | 3.65 | 201.00 |
| 7 | 3.78 | 205.00 | 8 | 3.91 | 207.00 | 9 | 4.04 | 209.00 |
| 10 | 4.17 | 210.00 | 11 | 4.30 | 210.00 | 12 | 4.43 | 211.00 |
| 13 | 4.56 | 212.00 | 14 | 4.69 | 212.00 | 15 | 4.82 | 213.00 |
| 16 | 4.95 | 213.00 | 17 | 5.08 | 213.00 | 18 | 5.21 | 213.00 |
| 19 | 5.34 | 214.00 | 20 | 5.47 | 214.00 | 21 | 5.60 | 214.00 |
| 22 | 5.73 | 213.00 | 23 | 5.86 | 215.00 | 24 | 5.99 | 215.00 |
| 25 | 6.12 | 216.00 | 26 | 6.25 | 217.00 | 27 | 6.38 | 216.00 |
| 28 | 6.51 | 214.00 | 29 | 6.64 | 213.00 | 30 | 6.77 | 213.00 |
| 31 | 6.90 | 213.00 | 32 | 7.03 | 213.00 | 33 | 7.16 | 213.00 |
| 34 | 7.29 | 213.00 | 35 | 7.42 | 213.00 | 36 | 7.55 | 213.00 |
| 37 | 7.68 | 213.00 | 38 | 7.81 | 213.00 | 39 | 7.94 | 213.00 |
| 40 | 8.07 | 214.00 | 41 | 8.20 | 213.00 | 42 | 8.33 | 213.00 |
| 43 | 8.46 | 213.00 | 44 | 8.59 | 213.00 | 45 | 8.72 | 213.00 |
| 46 | 8.85 | 213.00 | 47 | 8.98 | 213.00 | 48 | 9.11 | 213.00 |
| 49 | 9.24 | 213.00 | 50 | 9.37 | 213.00 | 51 | 9.50 | 213.00 |
| 52 | 9.63 | 213.00 | 53 | 9.76 | 213.00 | 54 | 9.89 | 213.00 |
| 55 | 10.02 | 213.00 | 56 | 10.15 | 213.00 | 57 | 10.28 | 213.00 |
| 58 | 10.41 | 213.00 | 59 | 10.54 | 214.00 | 60 | 10.67 | 214.00 |
| 61 | 10.80 | 214.00 | 62 | 10.93 | 215.00 | 63 | 11.06 | 215.00 |
| 64 | 11.19 | 216.00 | 65 | 11.32 | 216.00 | 66 | 11.45 | 215.00 |
| 67 | 11.58 | 214.00 | 68 | 11.71 | 214.00 | 69 | 11.84 | 213.00 |
| 70 | 11.97 | 213.00 | 71 | 12.10 | 212.00 | 72 | 12.23 | 211.00 |
| 73 | 12.36 | 209.00 | 74 | 12.49 | 209.00 | 75 | 12.62 | 208.00 |
| 76 | 12.75 | 206.00 | 77 | 12.88 | 205.00 | 78 | 13.01 | 201.00 |
| 79 | 13.14 | 201.00 | 80 | 13.27 | 200.00 | 81 | 13.40 | 198.00 |
| 82 | 13.53 | 198.00 | 83 | 13.66 | 198.00 | 84 | 13.79 | 197.00 |
| 85 | 13.92 | 196.00 | 86 | 14.05 | 195.00 | 87 | 14.18 | 195.00 |
| 88 | 14.31 | 194.00 | 89 | 14.44 | 193.00 | 90 | 14.57 | 192.00 |
| 91 | 14.70 | 191.00 | 92 | 14.83 | 191.00 | 93 | 14.96 | 190.00 |
| 94 | 15.09 | 190.00 | 95 | 15.22 | 187.00 | 96 | 15.35 | 186.00 |
| 97 | 15.48 | 187.00 | 98 | 15.61 | 188.00 | 99 | 15.74 | 190.00 |
| 100 | 15.87 | 186.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 8 of 12, 210.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 204.00 | 2 | 3.13 | 204.00 | 3 | 3.26 | 204.00 |
| 4 | 3.39 | 204.00 | 5 | 3.52 | 204.00 | 6 | 3.65 | 204.00 |
| 7 | 3.78 | 203.00 | 8 | 3.91 | 203.00 | 9 | 4.04 | 203.00 |
| 10 | 4.17 | 203.00 | 11 | 4.30 | 203.00 | 12 | 4.43 | 203.00 |
| 13 | 4.56 | 202.00 | 14 | 4.69 | 203.00 | 15 | 4.82 | 203.00 |
| 16 | 4.95 | 203.00 | 17 | 5.08 | 203.00 | 18 | 5.21 | 204.00 |
| 19 | 5.34 | 204.00 | 20 | 5.47 | 204.00 | 21 | 5.60 | 205.00 |
| 22 | 5.73 | 205.00 | 23 | 5.86 | 205.00 | 24 | 5.99 | 205.00 |
| 25 | 6.12 | 206.00 | 26 | 6.25 | 207.00 | 27 | 6.38 | 207.00 |
| 28 | 6.51 | 208.00 | 29 | 6.64 | 208.00 | 30 | 6.77 | 207.00 |
| 31 | 6.90 | 207.00 | 32 | 7.03 | 207.00 | 33 | 7.16 | 207.00 |
| 34 | 7.29 | 208.00 | 35 | 7.42 | 208.00 | 36 | 7.55 | 208.00 |
| 37 | 7.68 | 210.00 | 38 | 7.81 | 212.00 | 39 | 7.94 | 212.00 |
| 40 | 8.07 | 213.00 | 41 | 8.20 | 212.00 | 42 | 8.33 | 212.00 |
| 43 | 8.46 | 211.00 | 44 | 8.59 | 210.00 | 45 | 8.72 | 210.00 |
| 46 | 8.85 | 211.00 | 47 | 8.98 | 212.00 | 48 | 9.11 | 213.00 |
| 49 | 9.24 | 213.00 | 50 | 9.37 | 214.00 | 51 | 9.50 | 214.00 |
| 52 | 9.63 | 215.00 | 53 | 9.76 | 215.00 | 54 | 9.89 | 216.00 |
| 55 | 10.02 | 216.00 | 56 | 10.15 | 217.00 | 57 | 10.28 | 216.00 |
| 58 | 10.41 | 216.00 | 59 | 10.54 | 216.00 | 60 | 10.67 | 217.00 |
| 61 | 10.80 | 217.00 | 62 | 10.93 | 218.00 | 63 | 11.06 | 218.00 |
| 64 | 11.19 | 218.00 | 65 | 11.32 | 219.00 | 66 | 11.45 | 219.00 |
| 67 | 11.58 | 219.00 | 68 | 11.71 | 219.00 | 69 | 11.84 | 219.00 |
| 70 | 11.97 | 220.00 | 71 | 12.10 | 220.00 | 72 | 12.23 | 221.00 |
| 73 | 12.36 | 221.00 | 74 | 12.49 | 222.00 | 75 | 12.62 | 222.00 |
| 76 | 12.75 | 223.00 | 77 | 12.88 | 223.00 | 78 | 13.01 | 224.00 |
| 79 | 13.14 | 225.00 | 80 | 13.27 | 226.00 | 81 | 13.40 | 226.00 |
| 82 | 13.53 | 228.00 | 83 | 13.66 | 229.00 | 84 | 13.79 | 229.00 |
| 85 | 13.92 | 228.00 | 86 | 14.05 | 228.00 | 87 | 14.18 | 228.00 |
| 88 | 14.31 | 228.00 | 89 | 14.44 | 229.00 | 90 | 14.57 | 229.00 |
| 91 | 14.70 | 228.00 | 92 | 14.83 | 228.00 | 93 | 14.96 | 228.00 |
| 94 | 15.09 | 228.00 | 95 | 15.22 | 228.00 | 96 | 15.35 | 228.00 |
| 97 | 15.48 | 229.00 | 98 | 15.61 | 228.00 | 99 | 15.74 | 229.00 |
| 100 | 15.87 | 229.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 9 of 12, 240.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 213.00 | 2 | 3.13 | 213.00 | 3 | 3.26 | 213.00 |
| 4 | 3.39 | 213.00 | 5 | 3.52 | 213.00 | 6 | 3.65 | 213.00 |
| 7 | 3.78 | 213.00 | 8 | 3.91 | 213.00 | 9 | 4.04 | 213.00 |
| 10 | 4.17 | 213.00 | 11 | 4.30 | 213.00 | 12 | 4.43 | 213.00 |
| 13 | 4.56 | 213.00 | 14 | 4.69 | 214.00 | 15 | 4.82 | 216.00 |
| 16 | 4.95 | 217.00 | 17 | 5.08 | 219.00 | 18 | 5.21 | 220.00 |
| 19 | 5.34 | 222.00 | 20 | 5.47 | 223.00 | 21 | 5.60 | 224.00 |
| 22 | 5.73 | 226.00 | 23 | 5.86 | 226.00 | 24 | 5.99 | 228.00 |
| 25 | 6.12 | 225.00 | 26 | 6.25 | 221.00 | 27 | 6.38 | 216.00 |
| 28 | 6.51 | 214.00 | 29 | 6.64 | 212.00 | 30 | 6.77 | 212.00 |
| 31 | 6.90 | 212.00 | 32 | 7.03 | 213.00 | 33 | 7.16 | 213.00 |
| 34 | 7.29 | 213.00 | 35 | 7.42 | 215.00 | 36 | 7.55 | 215.00 |
| 37 | 7.68 | 217.00 | 38 | 7.81 | 218.00 | 39 | 7.94 | 219.00 |
| 40 | 8.07 | 219.00 | 41 | 8.20 | 220.00 | 42 | 8.33 | 221.00 |
| 43 | 8.46 | 222.00 | 44 | 8.59 | 223.00 | 45 | 8.72 | 224.00 |
| 46 | 8.85 | 225.00 | 47 | 8.98 | 226.00 | 48 | 9.11 | 226.00 |
| 49 | 9.24 | 227.00 | 50 | 9.37 | 228.00 | 51 | 9.50 | 229.00 |
| 52 | 9.63 | 229.00 | 53 | 9.76 | 229.00 | 54 | 9.89 | 229.00 |
| 55 | 10.02 | 229.00 | 56 | 10.15 | 229.00 | 57 | 10.28 | 229.00 |
| 58 | 10.41 | 229.00 | 59 | 10.54 | 229.00 | 60 | 10.67 | 230.00 |
| 61 | 10.80 | 231.00 | 62 | 10.93 | 232.00 | 63 | 11.06 | 233.00 |
| 64 | 11.19 | 234.00 | 65 | 11.32 | 235.00 | 66 | 11.45 | 236.00 |
| 67 | 11.58 | 238.00 | 68 | 11.71 | 239.00 | 69 | 11.84 | 239.00 |
| 70 | 11.97 | 241.00 | 71 | 12.10 | 242.00 | 72 | 12.23 | 244.00 |
| 73 | 12.36 | 244.00 | 74 | 12.49 | 244.00 | 75 | 12.62 | 244.00 |
| 76 | 12.75 | 244.00 | 77 | 12.88 | 244.00 | 78 | 13.01 | 245.00 |
| 79 | 13.14 | 245.00 | 80 | 13.27 | 246.00 | 81 | 13.40 | 246.00 |
| 82 | 13.53 | 247.00 | 83 | 13.66 | 248.00 | 84 | 13.79 | 248.00 |
| 85 | 13.92 | 249.00 | 86 | 14.05 | 250.00 | 87 | 14.18 | 250.00 |
| 88 | 14.31 | 251.00 | 89 | 14.44 | 251.00 | 90 | 14.57 | 252.00 |
| 91 | 14.70 | 251.00 | 92 | 14.83 | 250.00 | 93 | 14.96 | 249.00 |
| 94 | 15.09 | 251.00 | 95 | 15.22 | 254.00 | 96 | 15.35 | 254.00 |
| 97 | 15.48 | 256.00 | 98 | 15.61 | 257.00 | 99 | 15.74 | 258.00 |
| 100 | 15.87 | 258.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 10 of 12, 270.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 210.00 | 2 | 3.13 | 211.00 | 3 | 3.26 | 212.00 |
| 4 | 3.39 | 213.00 | 5 | 3.52 | 213.00 | 6 | 3.65 | 213.00 |
| 7 | 3.78 | 213.00 | 8 | 3.91 | 214.00 | 9 | 4.04 | 214.00 |
| 10 | 4.17 | 215.00 | 11 | 4.30 | 216.00 | 12 | 4.43 | 218.00 |
| 13 | 4.56 | 219.00 | 14 | 4.69 | 220.00 | 15 | 4.82 | 222.00 |
| 16 | 4.95 | 224.00 | 17 | 5.08 | 226.00 | 18 | 5.21 | 226.00 |
| 19 | 5.34 | 225.00 | 20 | 5.47 | 224.00 | 21 | 5.60 | 223.00 |
| 22 | 5.73 | 223.00 | 23 | 5.86 | 222.00 | 24 | 5.99 | 221.00 |
| 25 | 6.12 | 220.00 | 26 | 6.25 | 219.00 | 27 | 6.38 | 220.00 |
| 28 | 6.51 | 223.00 | 29 | 6.64 | 225.00 | 30 | 6.77 | 227.00 |
| 31 | 6.90 | 227.00 | 32 | 7.03 | 227.00 | 33 | 7.16 | 226.00 |
| 34 | 7.29 | 226.00 | 35 | 7.42 | 225.00 | 36 | 7.55 | 225.00 |
| 37 | 7.68 | 226.00 | 38 | 7.81 | 227.00 | 39 | 7.94 | 229.00 |
| 40 | 8.07 | 227.00 | 41 | 8.20 | 226.00 | 42 | 8.33 | 225.00 |
| 43 | 8.46 | 225.00 | 44 | 8.59 | 225.00 | 45 | 8.72 | 226.00 |
| 46 | 8.85 | 226.00 | 47 | 8.98 | 226.00 | 48 | 9.11 | 227.00 |
| 49 | 9.24 | 227.00 | 50 | 9.37 | 227.00 | 51 | 9.50 | 229.00 |
| 52 | 9.63 | 228.00 | 53 | 9.76 | 228.00 | 54 | 9.89 | 228.00 |
| 55 | 10.02 | 229.00 | 56 | 10.15 | 229.00 | 57 | 10.28 | 230.00 |
| 58 | 10.41 | 232.00 | 59 | 10.54 | 234.00 | 60 | 10.67 | 234.00 |
| 61 | 10.80 | 234.00 | 62 | 10.93 | 235.00 | 63 | 11.06 | 236.00 |
| 64 | 11.19 | 237.00 | 65 | 11.32 | 237.00 | 66 | 11.45 | 234.00 |
| 67 | 11.58 | 232.00 | 68 | 11.71 | 232.00 | 69 | 11.84 | 235.00 |
| 70 | 11.97 | 240.00 | 71 | 12.10 | 243.00 | 72 | 12.23 | 244.00 |
| 73 | 12.36 | 244.00 | 74 | 12.49 | 244.00 | 75 | 12.62 | 244.00 |
| 76 | 12.75 | 244.00 | 77 | 12.88 | 244.00 | 78 | 13.01 | 244.00 |
| 79 | 13.14 | 244.00 | 80 | 13.27 | 244.00 | 81 | 13.40 | 244.00 |
| 82 | 13.53 | 244.00 | 83 | 13.66 | 244.00 | 84 | 13.79 | 244.00 |
| 85 | 13.92 | 244.00 | 86 | 14.05 | 244.00 | 87 | 14.18 | 241.00 |
| 88 | 14.31 | 241.00 | 89 | 14.44 | 243.00 | 90 | 14.57 | 245.00 |
| 91 | 14.70 | 248.00 | 92 | 14.83 | 252.00 | 93 | 14.96 | 255.00 |
| 94 | 15.09 | 258.00 | 95 | 15.22 | 259.00 | 96 | 15.35 | 261.00 |
| 97 | 15.48 | 259.00 | 98 | 15.61 | 259.00 | 99 | 15.74 | 259.00 |
| 100 | 15.87 | 261.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 11 of 12, 300.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 213.00 | 2 | 3.13 | 213.00 | 3 | 3.26 | 213.00 |
| 4 | 3.39 | 213.00 | 5 | 3.52 | 213.00 | 6 | 3.65 | 213.00 |
| 7 | 3.78 | 213.00 | 8 | 3.91 | 213.00 | 9 | 4.04 | 213.00 |
| 10 | 4.17 | 213.00 | 11 | 4.30 | 214.00 | 12 | 4.43 | 215.00 |
| 13 | 4.56 | 216.00 | 14 | 4.69 | 219.00 | 15 | 4.82 | 219.00 |
| 16 | 4.95 | 220.00 | 17 | 5.08 | 220.00 | 18 | 5.21 | 220.00 |
| 19 | 5.34 | 221.00 | 20 | 5.47 | 221.00 | 21 | 5.60 | 223.00 |
| 22 | 5.73 | 224.00 | 23 | 5.86 | 225.00 | 24 | 5.99 | 226.00 |
| 25 | 6.12 | 227.00 | 26 | 6.25 | 229.00 | 27 | 6.38 | 229.00 |
| 28 | 6.51 | 229.00 | 29 | 6.64 | 229.00 | 30 | 6.77 | 229.00 |
| 31 | 6.90 | 229.00 | 32 | 7.03 | 230.00 | 33 | 7.16 | 230.00 |
| 34 | 7.29 | 231.00 | 35 | 7.42 | 236.00 | 36 | 7.55 | 239.00 |
| 37 | 7.68 | 240.00 | 38 | 7.81 | 243.00 | 39 | 7.94 | 243.00 |
| 40 | 8.07 | 243.00 | 41 | 8.20 | 243.00 | 42 | 8.33 | 241.00 |
| 43 | 8.46 | 242.00 | 44 | 8.59 | 242.00 | 45 | 8.72 | 241.00 |
| 46 | 8.85 | 241.00 | 47 | 8.98 | 242.00 | 48 | 9.11 | 242.00 |
| 49 | 9.24 | 241.00 | 50 | 9.37 | 241.00 | 51 | 9.50 | 241.00 |
| 52 | 9.63 | 240.00 | 53 | 9.76 | 240.00 | 54 | 9.89 | 240.00 |
| 55 | 10.02 | 241.00 | 56 | 10.15 | 240.00 | 57 | 10.28 | 241.00 |
| 58 | 10.41 | 241.00 | 59 | 10.54 | 241.00 | 60 | 10.67 | 242.00 |
| 61 | 10.80 | 243.00 | 62 | 10.93 | 243.00 | 63 | 11.06 | 243.00 |
| 64 | 11.19 | 243.00 | 65 | 11.32 | 244.00 | 66 | 11.45 | 244.00 |
| 67 | 11.58 | 244.00 | 68 | 11.71 | 244.00 | 69 | 11.84 | 244.00 |
| 70 | 11.97 | 244.00 | 71 | 12.10 | 245.00 | 72 | 12.23 | 247.00 |
| 73 | 12.36 | 248.00 | 74 | 12.49 | 249.00 | 75 | 12.62 | 251.00 |
| 76 | 12.75 | 249.00 | 77 | 12.88 | 248.00 | 78 | 13.01 | 247.00 |
| 79 | 13.14 | 245.00 | 80 | 13.27 | 244.00 | 81 | 13.40 | 243.00 |
| 82 | 13.53 | 242.00 | 83 | 13.66 | 243.00 | 84 | 13.79 | 244.00 |
| 85 | 13.92 | 252.00 | 86 | 14.05 | 257.00 | 87 | 14.18 | 263.00 |
| 88 | 14.31 | 275.00 | 89 | 14.44 | 276.00 | 90 | 14.57 | 277.00 |
| 91 | 14.70 | 280.00 | 92 | 14.83 | 282.00 | 93 | 14.96 | 283.00 |
| 94 | 15.09 | 284.00 | 95 | 15.22 | 282.00 | 96 | 15.35 | 280.00 |
| 97 | 15.48 | 280.00 | 98 | 15.61 | 281.00 | 99 | 15.74 | 280.00 |
| 100 | 15.87 | 279.00 | | | | | | |

Detailed Terrain Data

Study: JSM Twr 90ft
Site: JSM Sheboygan site
Radial 12 of 12, 330.0 degrees true

Latitude: N43-45-56.00
Longitude: W87-45-59.00

| Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) | Point Number | Dist (km) | Elev (m) |
|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|
| 1 | 3.00 | 214.00 | 2 | 3.13 | 213.00 | 3 | 3.26 | 213.00 |
| 4 | 3.39 | 213.00 | 5 | 3.52 | 213.00 | 6 | 3.65 | 213.00 |
| 7 | 3.78 | 213.00 | 8 | 3.91 | 213.00 | 9 | 4.04 | 213.00 |
| 10 | 4.17 | 213.00 | 11 | 4.30 | 214.00 | 12 | 4.43 | 215.00 |
| 13 | 4.56 | 216.00 | 14 | 4.69 | 216.00 | 15 | 4.82 | 215.00 |
| 16 | 4.95 | 214.00 | 17 | 5.08 | 213.00 | 18 | 5.21 | 213.00 |
| 19 | 5.34 | 213.00 | 20 | 5.47 | 213.00 | 21 | 5.60 | 214.00 |
| 22 | 5.73 | 215.00 | 23 | 5.86 | 215.00 | 24 | 5.99 | 213.00 |
| 25 | 6.12 | 215.00 | 26 | 6.25 | 216.00 | 27 | 6.38 | 216.00 |
| 28 | 6.51 | 217.00 | 29 | 6.64 | 219.00 | 30 | 6.77 | 221.00 |
| 31 | 6.90 | 221.00 | 32 | 7.03 | 221.00 | 33 | 7.16 | 224.00 |
| 34 | 7.29 | 226.00 | 35 | 7.42 | 226.00 | 36 | 7.55 | 225.00 |
| 37 | 7.68 | 223.00 | 38 | 7.81 | 220.00 | 39 | 7.94 | 218.00 |
| 40 | 8.07 | 215.00 | 41 | 8.20 | 213.00 | 42 | 8.33 | 213.00 |
| 43 | 8.46 | 213.00 | 44 | 8.59 | 214.00 | 45 | 8.72 | 216.00 |
| 46 | 8.85 | 217.00 | 47 | 8.98 | 219.00 | 48 | 9.11 | 220.00 |
| 49 | 9.24 | 221.00 | 50 | 9.37 | 222.00 | 51 | 9.50 | 223.00 |
| 52 | 9.63 | 223.00 | 53 | 9.76 | 224.00 | 54 | 9.89 | 224.00 |
| 55 | 10.02 | 223.00 | 56 | 10.15 | 224.00 | 57 | 10.28 | 225.00 |
| 58 | 10.41 | 223.00 | 59 | 10.54 | 223.00 | 60 | 10.67 | 223.00 |
| 61 | 10.80 | 223.00 | 62 | 10.93 | 224.00 | 63 | 11.06 | 224.00 |
| 64 | 11.19 | 226.00 | 65 | 11.32 | 226.00 | 66 | 11.45 | 227.00 |
| 67 | 11.58 | 228.00 | 68 | 11.71 | 228.00 | 69 | 11.84 | 228.00 |
| 70 | 11.97 | 228.00 | 71 | 12.10 | 229.00 | 72 | 12.23 | 229.00 |
| 73 | 12.36 | 230.00 | 74 | 12.49 | 231.00 | 75 | 12.62 | 229.00 |
| 76 | 12.75 | 229.00 | 77 | 12.88 | 233.00 | 78 | 13.01 | 233.00 |
| 79 | 13.14 | 236.00 | 80 | 13.27 | 238.00 | 81 | 13.40 | 240.00 |
| 82 | 13.53 | 242.00 | 83 | 13.66 | 244.00 | 84 | 13.79 | 244.00 |
| 85 | 13.92 | 244.00 | 86 | 14.05 | 247.00 | 87 | 14.18 | 250.00 |
| 88 | 14.31 | 251.00 | 89 | 14.44 | 253.00 | 90 | 14.57 | 255.00 |
| 91 | 14.70 | 256.00 | 92 | 14.83 | 257.00 | 93 | 14.96 | 258.00 |
| 94 | 15.09 | 256.00 | 95 | 15.22 | 252.00 | 96 | 15.35 | 250.00 |
| 97 | 15.48 | 246.00 | 98 | 15.61 | 244.00 | 99 | 15.74 | 244.00 |
| 100 | 15.87 | 244.00 | | | | | | |